Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 1 of 29

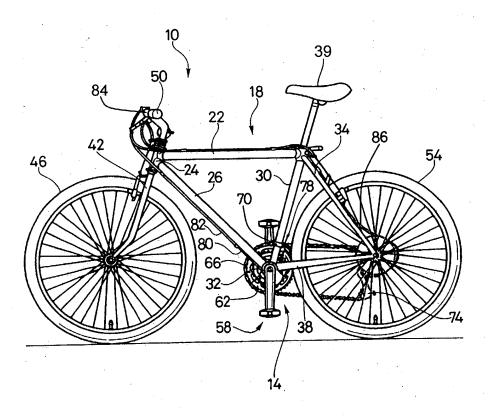
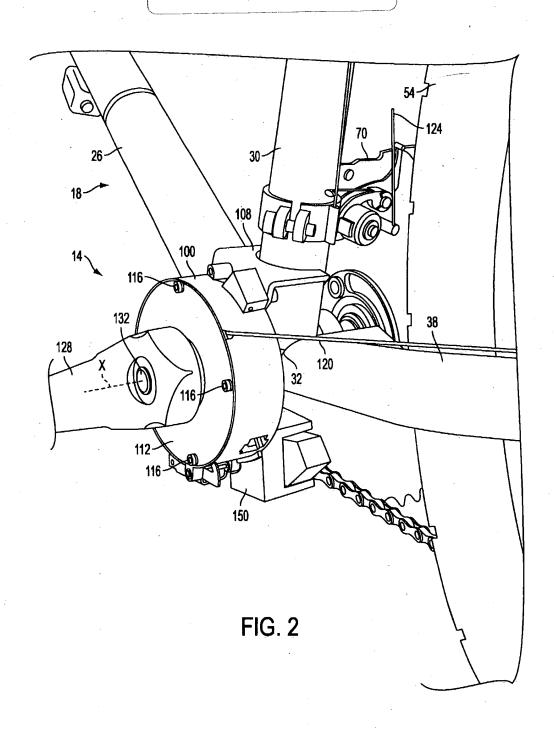
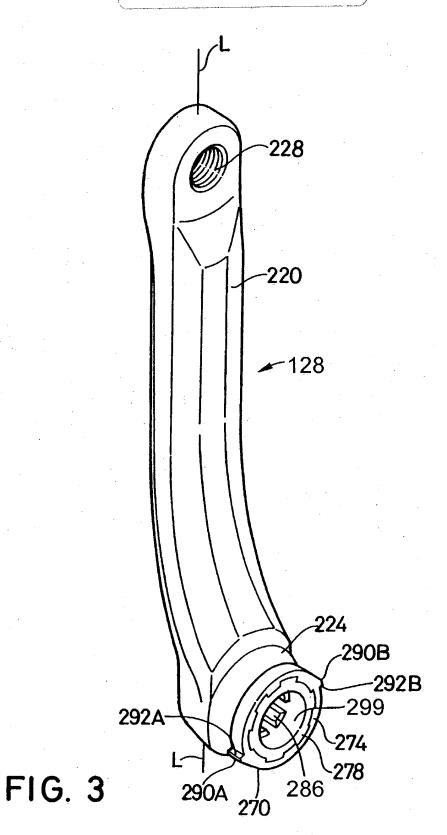


Fig. 1

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 2 of 29



Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 3 of 29



Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 4 of 29

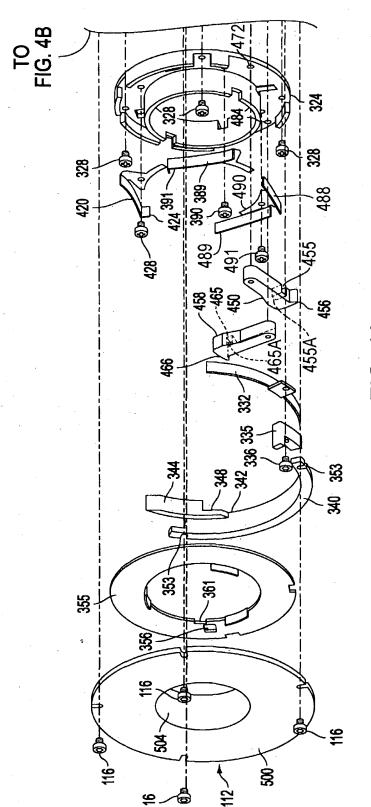


FIG. 4A

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 5 of 29

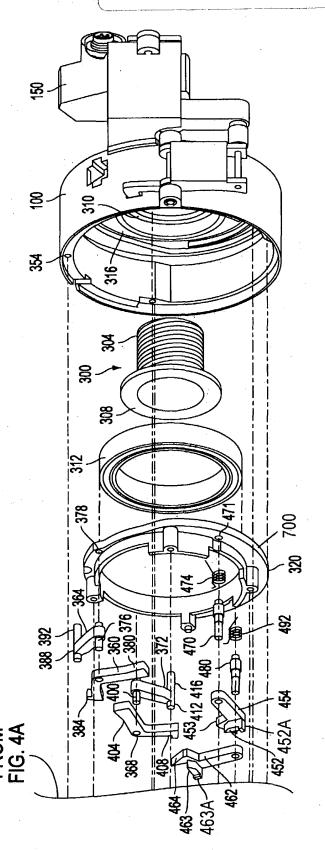
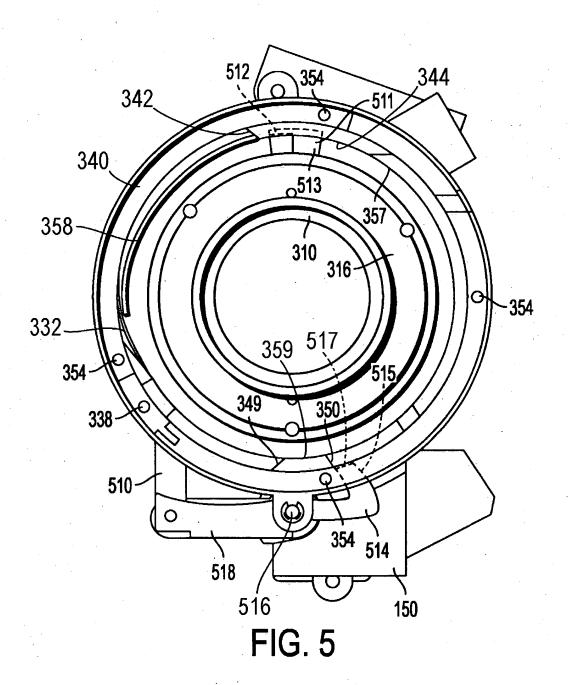


FIG. 4B

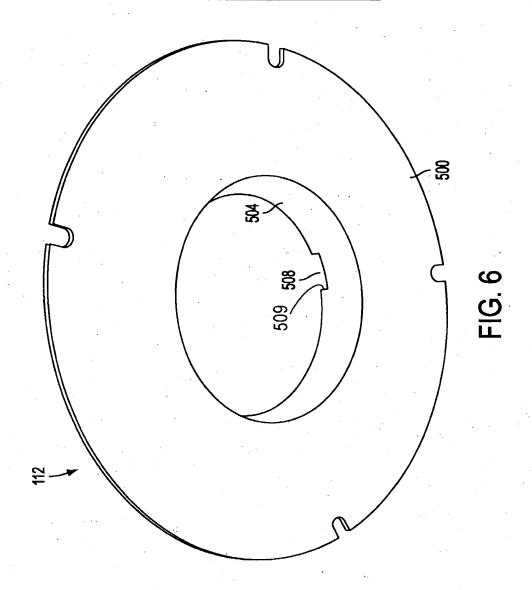
Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 6 of 29



Inventors: TADASHI ICHIDA, et al.

"Shift Assist Apparatus For A Bicycle
Transmission"

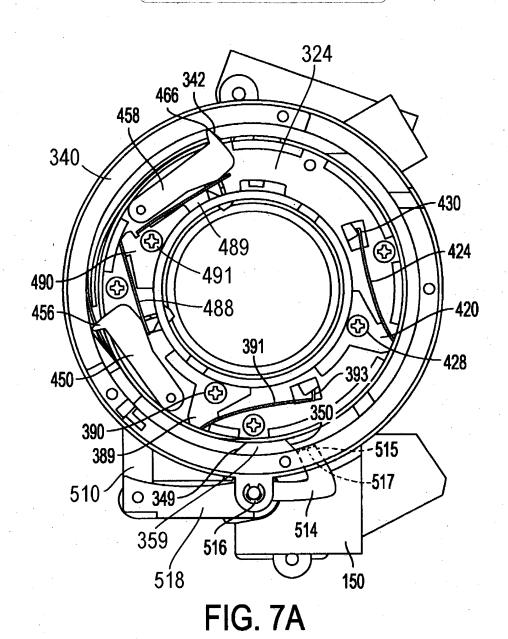
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 7 of 29



Inventors: TADASHI ICHIDA, et al.

"Shift Assist Apparatus For A Bicycle
Transmission"

Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 8 of 29



Inventors: TADASHI ICHIDA, et al.

"Shift Assist Apparatus For A Bicycle
Transmission"

Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 9 of 29

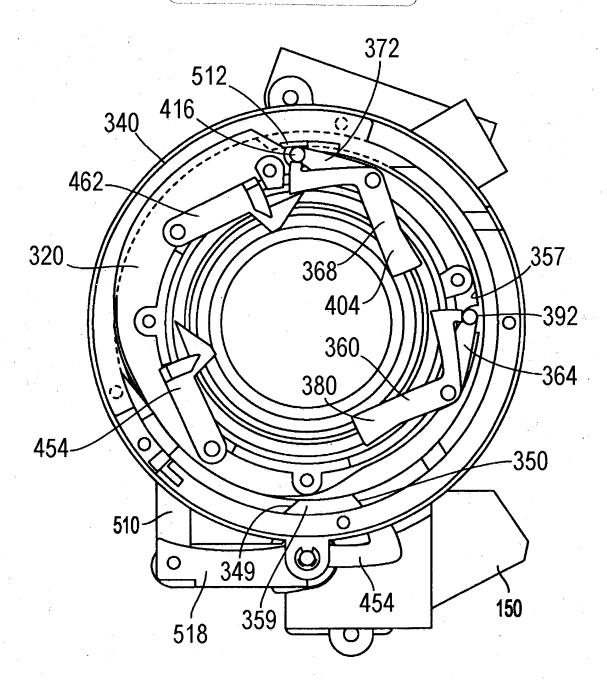
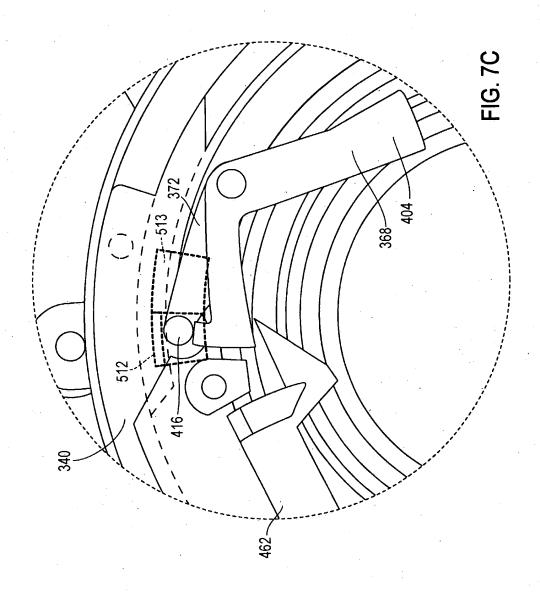
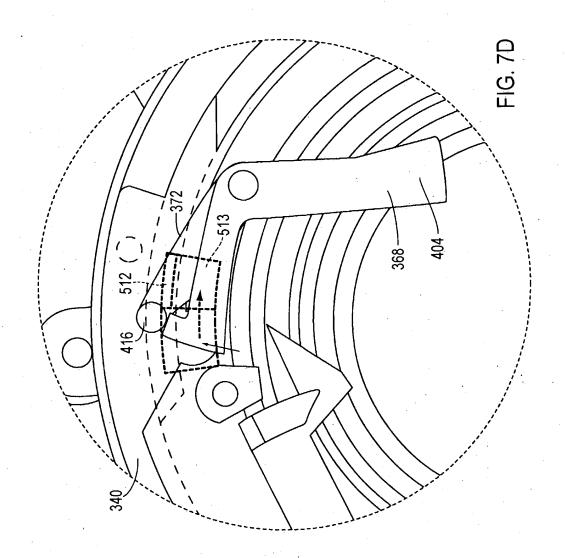


FIG. 7B

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 10 of 29



Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 11 of 29



Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 12 of 29

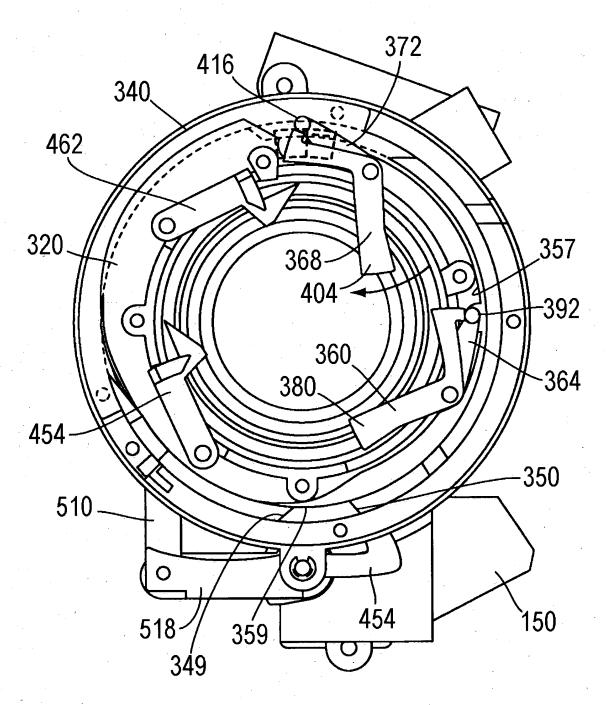


FIG. 7E

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 13 of 29

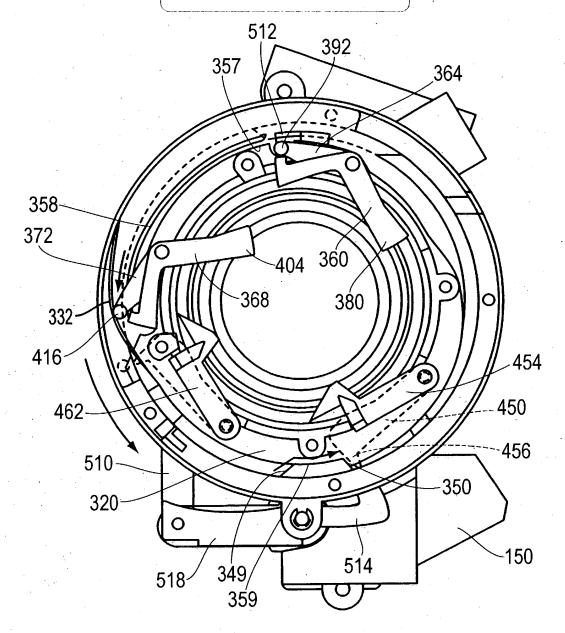


FIG. 7F

Inventors: TADASHI ICHIDA, et al.

"Shift Assist Apparatus For A Bicycle
Transmission"

Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 14 of 29

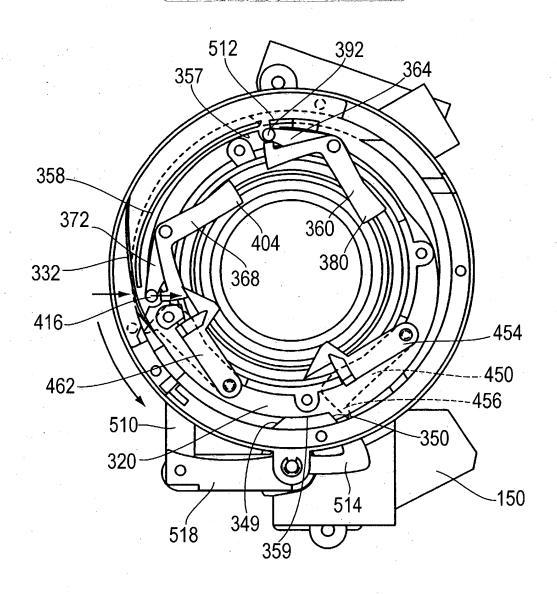


FIG. 7G

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"

Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 15 of 29

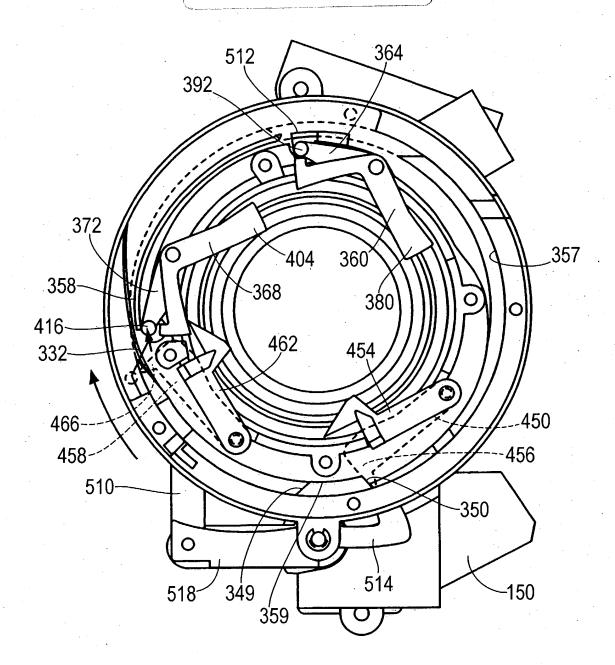


FIG. 8A

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 16 of 29

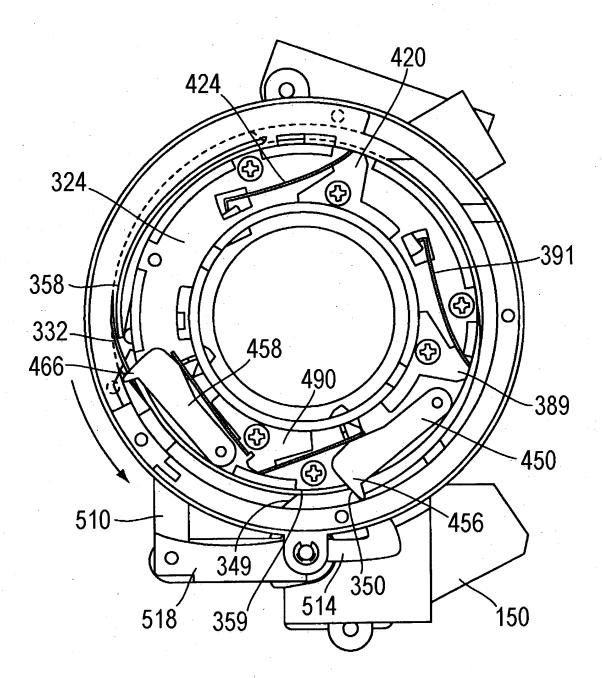


FIG. 8B

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 17 of 29

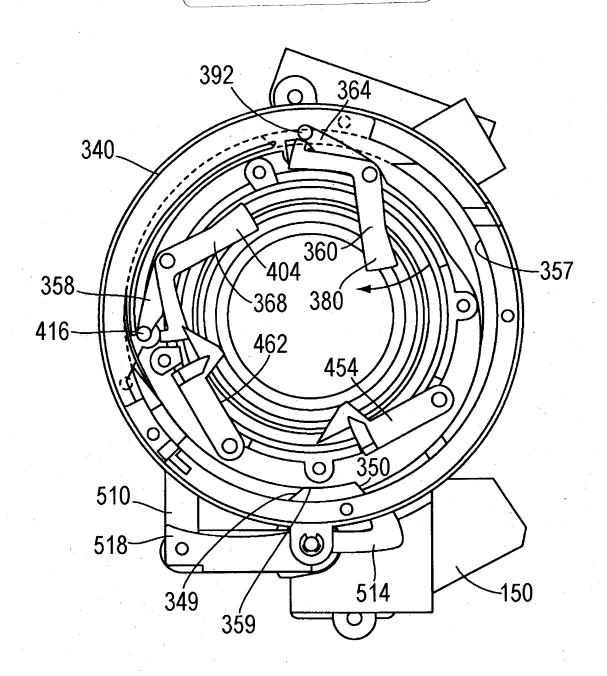


FIG. 9A

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 18 of 29

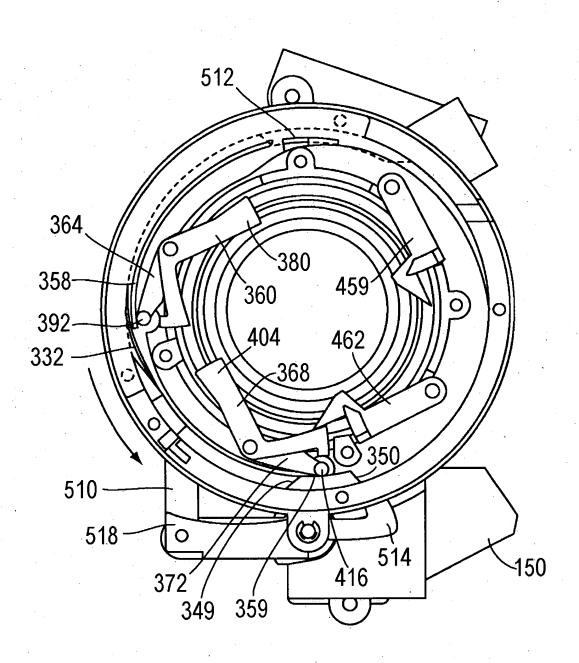


FIG. 9B

Inventors: TADASHI ICHIDA, et al.

"Shift Assist Apparatus For A Bicycle
Transmission"

Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 19 of 29

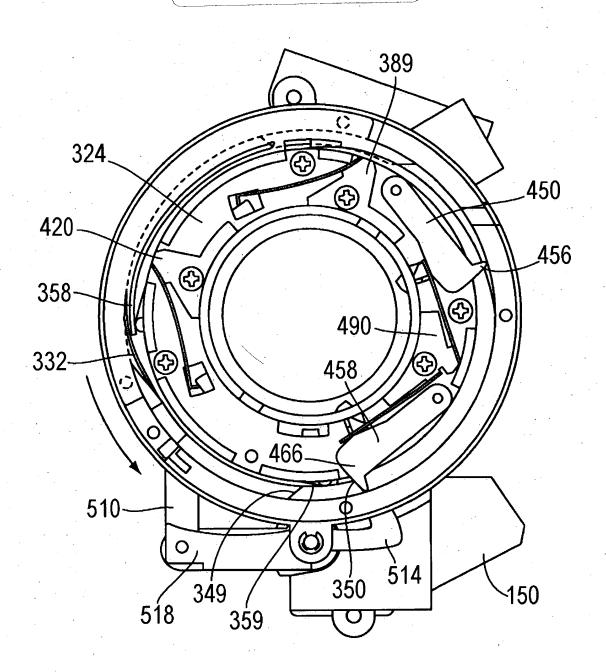


FIG. 9C

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"

Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 20 of 29

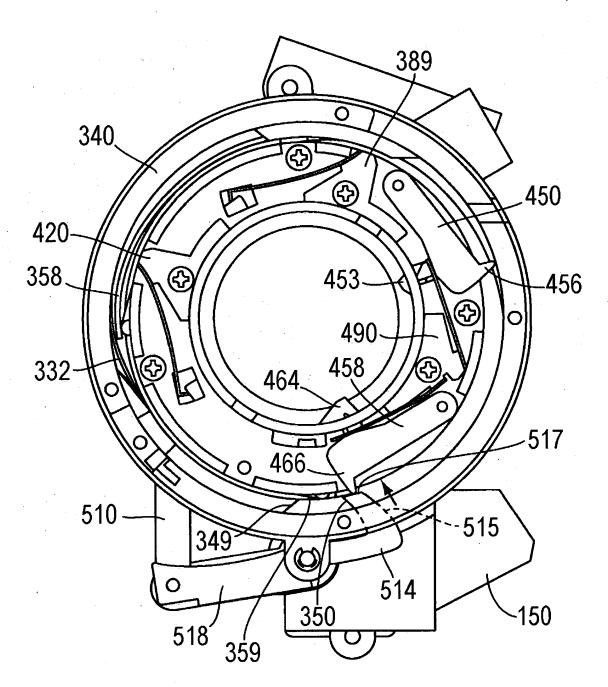


FIG. 10

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 21 of 29

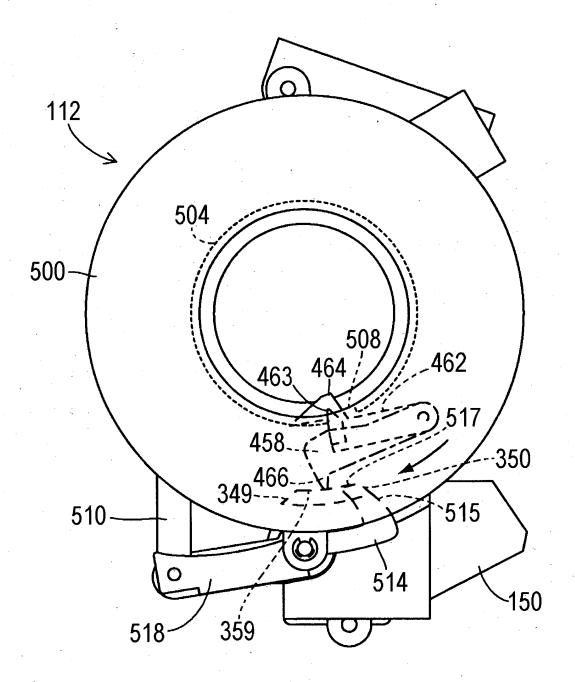


FIG. 11A

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 22 of 29

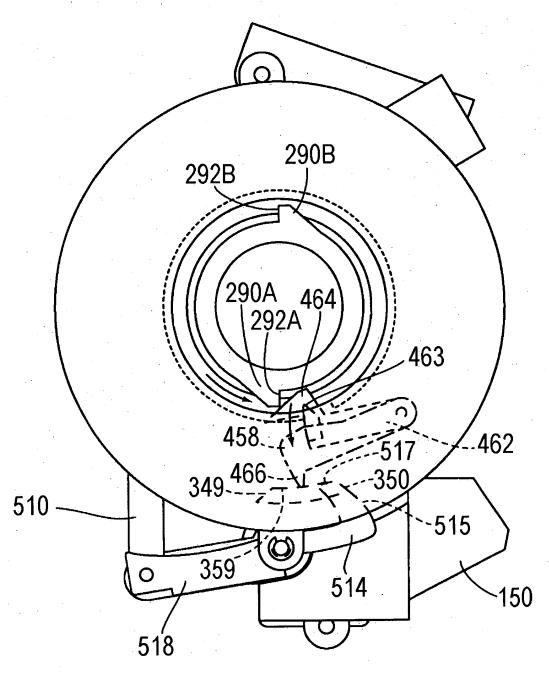
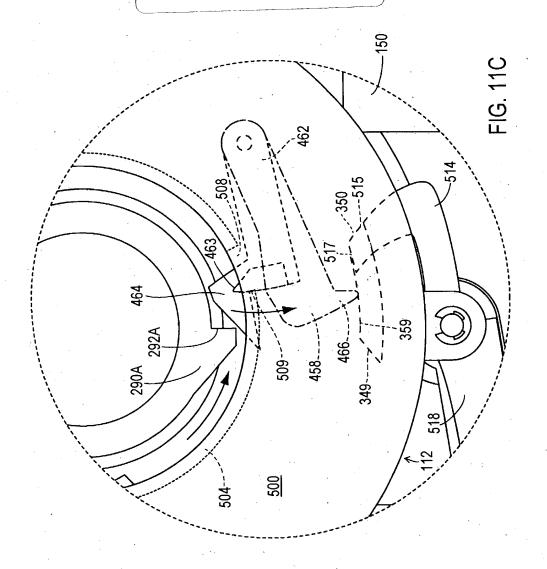


FIG. 11B

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 23 of 29



Inventors: TADASHI ICHIDA, et al. "Shift Assist Apparatus For A Bicycle Transmission"

Application No.: To Be Assigned Atty. Docket No. SIC-03-001 Sheet 24 of 29

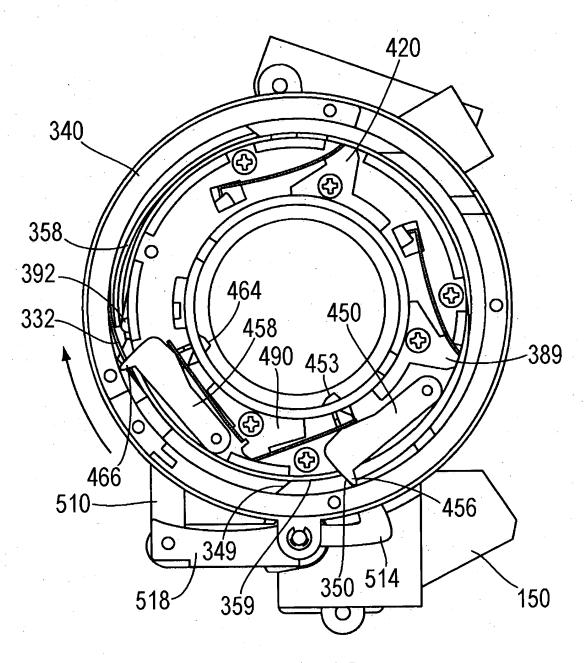


FIG. 12

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 25 of 29

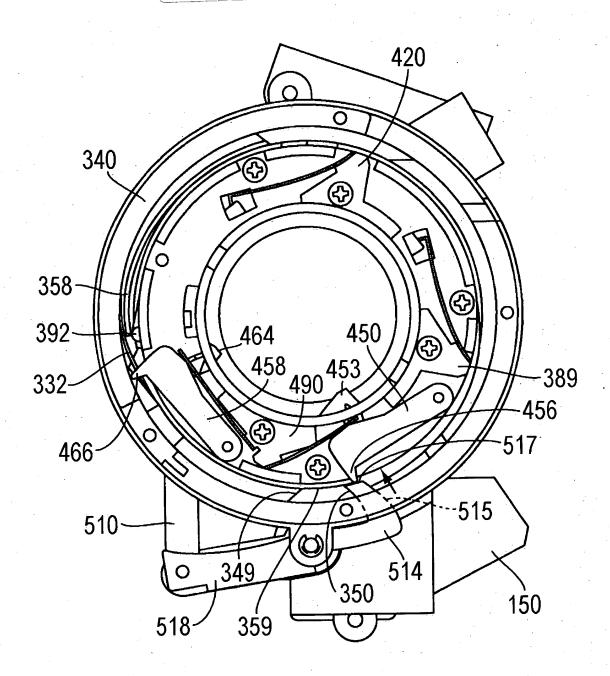


FIG. 13

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 26 of 29

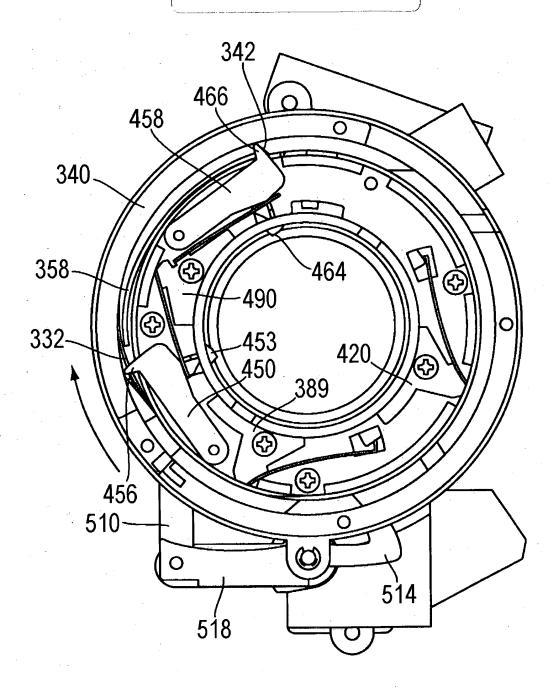


FIG. 14

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 27 of 29

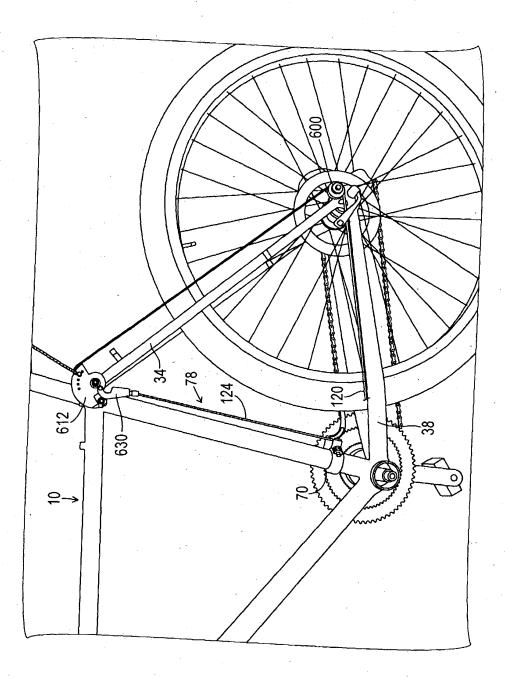


FIG. 15

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 28 of 29

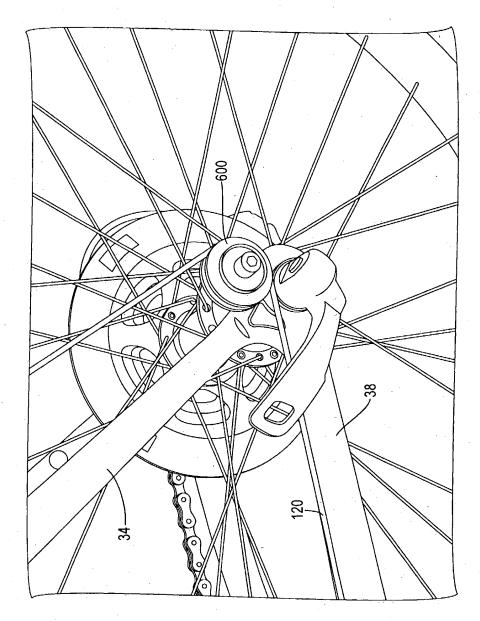


FIG. 16

Inventors: TADASHI ICHIDA, et al.
"Shift Assist Apparatus For A Bicycle
Transmission"
Application No.: To Be Assigned
Atty. Docket No. SIC-03-001
Sheet 29 of 29

